blicable fee(s), to: Mail Complete and send this form, together with

Mail Stop ISSUE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

503.39455VX1

t

or Fax

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)  020457 7590 07/27/2004				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.		
ANTONELLI, TI	ERRY, STOUT & K ENTEENTH STREET 22209-9889		PE 122 200 25 33 25 33 25 33 25 33 25 33 25 33 25 33 25 33 25 35 35 25 35 25 35 25 35 25 35 25 35 25 35 25 35 25 35 25 35 25 25 35 25 25 35 25 25 25 25 25 25 25 25 25 25 25 25 25	Ce	ertificate of Mailing or Transitis Fee(s) Transmittal is being with sufficient postage for firs ill Stop ISSUE FEE address PTO (703) 746-4000, on the december of the sufficient of the sufficie	mission  deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.  (Depositor's name)
	1370.00 OP	EF/E	AN SCHIEFT			(Signature)
01 FC:1501 02 FC:1504	300.00 OP		TE TRADEMAN			(Date)
APPLICATION NO.	FILING DATE	F	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/642,225	08/18/2003		Masaya Adachi		503.39455VX1	2205
APPLN. TYPE nonprovisional	SMALL ENTITY NO	ISSUE FEE		PUBLICATION FEE \$300	TOTAL FEE(S) DUE	DATE DUE 10/27/2004
EXAMINER		\$ 1,370 ART UNI	.00 T	CLASS-SUBCLASS	\$3500 \$5-SUBCLASS \$ 1,670.00	
CRUZ, N	/AGDA	2851		359-453000	_	
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  □ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  □ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			2. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
3. ASSIGNEE NAME AND			•	•• /	mee is identified below the de	ocument has been filed for
recordation as set forth in	37 CFR 3.11. Completion of	of this form is NOT	a substitute for fili	ng an assignment.	mee is identified below, the do	beament has been med for
(A) NAME OF ASSIGNI	EΕ	(B)	RESIDENCE: (CI	TY and STATE OR CO	OUNTRY)	

HITACHI, LTD..

Tokyo, JAPAN

Please check the appropriate assignee category or categories (wil 4a. The following fee(s) are enclosed:	l not be printed on the patent); ☐ individual ☐ corporation or other private group entity ☐ governmen  4b. Payment of Fee(s):					
<b>X</b> Issue Fee	☐ A check in the amount of the fee(s) is enclosed.					
Publication Fee (No small entity discount permitted)	To Payment by credit card. Form PTO-2038 is attached.					
☐ Advance Order - # of Copies	To deficiencies only  To deficiencies only  To deficiencies only  Deposit Account Number 01-2135 (enclose an extra copy of this form).					

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

□ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature) ( Hand ) Stewuranh.

Skwierawski / Reg. No. 32,173

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.